

WHAT IS CLAIMED IS:

1. An apparatus for separating cargo areas, comprising:
an integrally formed, seamless panel having first and second faces and a
peripheral edge, at least a portion of said faces being substantially
parallel to one another;

5 at least one depression in at least one of said faces extending at least half the
distance between the first face and second face; and
at least one handle element integrally formed in at least one of said faces;
wherein said panel has a peripheral edge configured to receive a seal member.

10 2. The apparatus of claim 1, wherein said panel defines a cavity that is filled
with insulative material.

3. The apparatus of claim 1, wherein said at least one depression serves to
maintain the faces in substantially rigid spaced apart relation.

15 4. The apparatus of claim 1, wherein said at least one depression is a shallow
channel that reinforces the face and permits air to flow between the panel and cargo disposed
adjacent thereto.

5. The apparatus of claim 1, wherein said peripheral edge includes at least one of
a groove, channel or depression adapted to releasably engage at least one of a seal member or
a mounting member.

20 6. An apparatus for separating cargo areas comprising:
an integrally formed, seamless panel having first and second faces and a
peripheral edge, at least a portion of said faces being substantially
parallel to one another;

25 said faces being continuous and unperforated; and
wherein said faces define an internal cavity.

7. The apparatus of claim 6, wherein said cavity is filled with insulative material.

8. The apparatus of claim 7, further comprising at least one depression in at least
one of said faces.

30 9. The apparatus of claim 7, wherein said panel includes a peripheral edge
configured to receive a seal member.

10. The apparatus of claim 8, wherein said at least one depression serves to maintain the faces in substantially rigid spaced apart relation.

11. The apparatus of claim 10, wherein said at least one depression is a shallow channel that reinforces the face and permits air to flow between the panel and cargo disposed adjacent thereto.

35 12. The apparatus of claim 9, wherein said peripheral edge includes at least one of a groove, channel or depression adapted to releasably engage at least one of a seal member or a mounting member.

40 13. The apparatus of claim 6, further comprising at least one seal member that includes a relatively rigid member adapted to releasably engage at least one of a groove, channel or depression disposed on a peripheral edge of said panel.

45 14. The apparatus of claim 6, further comprising an adaptor member attach to a peripheral edge of said panel, wherein the adaptor member is comprised of a plurality of matable components that may be adjusted relative to one another such that at least a portion of each of said matable components is flush with a faces of the panel.

50 15. The apparatus of claim 14, wherein said adaptor member is configured to receive a seal member.

16. The apparatus of claim 6, further comprising a handle formation in at least one of said faces.

55 17. The apparatus of claim 16, wherein the handle formation includes at least one aperture extending between said panels, wherein the aperture is adapted to receive a handle member selected from the group consisting of a nylon strap, a polymeric handle, and a metal handle.

18. The apparatus of claim 16, further comprising a rigid trim member integrally molded into a peripheral edge of the panel.

55 19. The apparatus of claim 18, wherein the rigid trim member is exposed.

20. The apparatus of claim 9, wherein the seal member is comprised of at least one flexible member attached to a relatively rigid mounting member, said relatively rigid mounting member being adapted to mount said seal member to said panels.

60 21. A method of installing edge members on bulkheads and partitions,
comprising:

providing a panel having first and second faces and a peripheral edge, at least a portion of said faces being substantially parallel to one another, said panel including at least one of a groove, channel or depression disposed near a peripheral edge of the panel, said groove, channel or depression being adapted to releasably engage an edge member; providing an edge member configured to releasably engage said groove, channel or depression near the peripheral edge of said panel. attaching the edge member to said peripheral edge of the panel.

22. The method of claim 21, wherein the edge member is selected from the group consisting of wipe seals, foam seals, and adaptor members.

23. The method of claim 21, wherein said at least one of a groove, channel or depression are formed in a rigid trim element fixedly mounted at a peripheral edge of the panel.

24. The method of claim 21, further comprising fixing said seal or mounting member to said panel with at least one of a fastener or an adhesive.